

SECTOR:

**REQUIREMENTS OF EQUIPMENTS AND SPARE PARTS FOR  
MINISTRY OF TRADE GENERAL COMPANY FOR GRAIN PROCESSING  
(M.O.U./ PHASE - 12 - )**

Subsector:

PROJECT or TITLE:

CODE	DESCRIPTION	ACTIVITY	END USER	QTY.	UNIT
01-04-00001	NYLON CLOTH FOR SIFTING WHEAT FLOUR	NYLON OR SILK CLOTH TO BE USED FOR SIFTING FLOUR	FLOUR MILLS IN FIFTEEN GOVERNORATES	200 000	m
01-04-00002	ELECTRIC MOTORS FOR MILLS	DIFFERENT SIZES AND POWER TO BE USED FOR REPLACEMENTS	DITTO	10000	
01-04-00003	GEARED MOTORS FOR MILLS	DIFFERENT SIZES AND POWER TO BE USED FOR REPLACEMENTS	DITTO	10000	
01-04-00004	FLAT -BELTS	REPLACEMENT MATERIALS FOR BELT CONVEYORS AND ELEVATORS THAT TRANSPORT WHEAT PRODUCTS	DITTO	10000	m
01-04-00005	BELTS	REPLACEMENT MATERIALS FOR BELT CONVEYORS AND ELEVATORS THAT TRANSPORT WHEAT PRODUCTS	DITTO	5000	m
01-04-00006	STAMPING MACHINE & SPARE PARTS	FOR MAKING STAMPING MILL NAMES ON THE FLOUR SACKS	DITTO	20	
01-04-00007	COMPLETE LINE FOR STAMPING AND CUTTING FOR FLOUR BAGS	FOR MAKING STAMPING MILL NAMES ON THE FLOUR SACKS	DITTO	4	
01-04-00008	PLAN SIFTER	TO BE USED IN FLOUR MILLS	DITTO	100	
01-04-00009	AIR COMPRESSOR WITH SPARE PARTS	TO BE USED FOR PREPAIRING COMPRESSED AIR FOR PRODUCTION LINES IN BAKERIES AND FLOUR MILLS	DITTO	20	
01-04-00010	PRESSURE FANS	TO BE USED IN FLOUR MILLS	DITTO	150	
01-04-00011	ELECTRIC CABLES	ELECTRIC CABLES TO BE USED IN FLOUR MILLS	DITTO	100 000	M
01-04-00012	AIR LOCK	METAL AIR LOCKS TO LET FLOW OF BREAK STOCK AND DIFFERENT SIZE OF FLOUR WITHOUT AIR	DITTO	2000	
01-04-00013	SIEVE CLEANER PLASTIC CUTTON AND	FOR FRAME OF PLAN SIFTER	DITTO	200 000	

01-04-00014	FILTER CLOTH	TO BE USED IN FLOUR MILLS	DITTO	10 000	M
01-04-00015	BRAN BINS CAPACITY 30 TON	FOR DORA MILL	FOR DORA MILL	2	
01-04-00016	IN LINE MAGNET FOR FLOUR MATERIALS	FOR CLEANING FLOUR FROM ANY METALS	FLOUR MILLS IN FIFTEEN GOVERNORATES	130	
01-04-00017	(DRY STONERS ) CLEANING MACHINES COMPLETE SYSTEM WITH ASPIRATION & ACCESSORIES WITH SPARE PARTS	FOR SEPARATING IMPURITIES FROM WHEAT BEFORE MILLING	DITTO	50	
01-04-00018	ROTARY MAGNET	TO BE USED IN FLOUR MILLS	DITTO	50	
01-04-00019	ASPIRATION CHANNAL SYSTEM ( TEMPERING UNITS)	FOR CLEANING OF GRAIN	FLOUR MILLS IN FIFTEEN GOVERNORATES	50	
01-04-00020	FLOUR PACKING M/ C	FOR PACKING WHEAT INTO SACKS	DITTO	50	
01-04-00021	AUTOMATIC MOISTURE UNITS WITH SPARE PARTS	FOR CONTROLLING OF THE WHEAT MOISTURE FOR MILLS	DITTO	50	
01-04-00022	GRINDING STONE FOR FLUTING MACHINE	FOR FLUTING MACHINE	DITTO	100	
01-04-00023	CUTTING TOOLS FOR FLUTING MILLING ROLLS	FOR FLUTING MACHINE	DITTO	200	
01-04-00024	SYNTHETIC FILTER CLOTH	TO BE USED FOR SLEEVE IN FLOUR MILLS	DITTO	10 000	m
01-04-00025	ROTARY BLOWER	TO BE USED IN FLOUR MILLS	DITTO	20	
01-04-00026	SUSPENSION RODS	TO BE USED IN FLOUR MILLS	DITTO	15 000	
01-04-00027	PERFORATED PLATES FO DRY STONER	TO BE USED IN FLOUR MILLS	DITTO	400	m2
01-04-00028	VIBRO MOTORS FOR DRY STONERS	TO BE USED IN FLOUR MILLS	DITTO	200	
01-04-00029	PORTABLE ANTI- EXPLOSION INSPECTION LIGH FITTINGS	TO BE USED IN FLOUR MILLS	DITTO	150	
01-04-00030	DIAGHRAM FOR AIR JET FILTER	TO BE USED IN FLOUR MILLS	DITTO	500	
01-04-00031	MECHANICAL OPERATED CHAIRS FOR DESCENDING IN TO SILOS FOR CLEANING THE WALLS	FOR CLEANING THE WALLS OF THE SILOS IN FLOUR MILLS	DITTO	50	
01-04-00032	YEAST FOR BREAD	TO BE USED FOR BAKING THE BREAD	FOR BAGHDAD AND KADYMIA BAKERIES	300	
01-04-00033	BREAD IMPROVER	TO IMPROVE THE BREAD	DITTO	100	
01-04-00034	ROLLER MILLS	TO BE USED IN FLOUR MILLS	FLOUR MILLS IN FIFTEEN GOVERNORATES	50	
01-04-00035	SIEVE SHEETS	USED FOR SEPARATING IMPURITIES OF WHEAT	DITTO	480	SHEET
01-04-00036	COMPLETE SAMMON BREAD PRODUCTION LINE WITH ACCESSORIES AND SPARE PARTS	TO PRODUCE SAMMON BREAD FOR IRAQI PEOPLE	FOR KADIMYA BAKERY	2	
01-04-00037	HIGH PRESSUR WATER PUMPS WITH MOTOR (2-6)INCH	TO BE USED IN FLOUR MILLS	FLOUR MILLS IN FIFTEEN GOVERNORATES	10	

01-04-00038	ELECTRIC OR DIESEL FUEL PUMP	TO BE USED IN FLOUR MILLS	DITTO	20	
01-04-00039	FEEDER USED FOR ADDING DRY INGREDIENTS TO FLOUR	TO IMPROVE THE QUALITY OF FLOUR	DITTO	130	
01-04-00040	FLOUR MILLS COMPLETE WITH SANDWICH PANEL, ACCESSORIES AND SPARE PARTS	FOR PRODUCTION WHEAT FLOUR	DITTO	15	
01-04-00041	STRECHING OF CLOTH TO BE MOUNTED TO PLAN SIFTING FAMES	TO HELP INCREASING OF MILLING PRODUCTION	DITTO	125	
01-04-00042	SPARE PARTS FOR DRY STONERS	TO BE USED IN FLOUR MILLS	DITTO		
01-04-00043	BALLBEARINGS	TO BE USED IN FLOUR MILLS	DITTO	5000	
01-04-00044	SPARE PARTS FOR FLOUR MILLS	TO BE USED IN FLOUR MILLS	DITTO	1530	units
01-04-00045	MACARONI MACHINES	TO PRODUCE MACARONI	DITTO	4	
01-04-00046	KUBEX PELLET MILLS	TO PRESS BRAN	DITTO	5	
01-04-00047	SPARE PARTS FOR TAJI MILLS/OCRIM CO.	TO BE USED IN FLOUR MILLS			
01-04-00048	SPARE PARTS FOR DORA MILLS/BUHLER CO.	TO BE USED IN FLOUR MILLS			
01-04-00049	SPARE PARTS FOR GOLFETTO MILLS/ITALY	DITTO			
01-04-00050	SPARE PARTS FOR BUHLER MILLS/SWITZERLAND	DITTO			
01-04-00051	SPARE PARTS FOR PACKING MACHINE	USED FOR PACKING FLOUR IN BAGS	FLOUR MILLS IN FIFTEEN GOVERNORATES		
01-04-00052	SPARE PARTS FOR MACHINES FOR PROUDCTION OF BELTS	TO BE USED IN FLOUR MILLS	DITTO		
01-04-00053	SPARE PARTS FOR TEMPERING UNITS	DITTO	DITTO		
01-04-00054	SPARE PARTS FOR FLUTING M/C	DITTO	DITTO		
01-04-00055	SPARE PARTS FOR GENERATOR DEZEL	DITTO	DITTO		
01-04-00056	SPARE PARTS FOR LAB RETORY EQUIPMENTS	USED FOR LAB.PURPOSE	DITTO	1197	pieces
01-04-00057	SPARE PARTS FOR BAGHDAD BAKERY(PRODUCTIONS LINES)			1	LOT
01-04-00058	SPARE PARTS FOR AIR JET FILTER				
01-04-00059	SPARE PARS FOR STAMPING MACHINES			100	pieces
01-04-00060	INSTRUMENT FOR DESTRUCTION OF INSECTS AND THEIR EGGS WITH SPARE PARTS				
01-04-00061	SPARE PARTS FOR GENERATORS IN TAJI AND DORA MILLS				
01-04-00062	SPARE PARTS FOR TRANSFORMERS IN TAJI AND DORA MILLS				

01-04-00063	SPARE PARTS FOR CHAIN CONVEYOR IN TAJI AND DORA MILLS				
01-04-00064	SPARE PARTS FOR WEIGH BRIDGES				
01-04-00065	SPARE PARTS FOR ELECTRICAL AND ELECTRONIC EQUIPMENT IN TAJI AND DORA MILLS				
01-04-00066	PACKING MACHINES FOR WHEAT FLOUR 5 KG AND 10 KG				

**MINISTRY OF TRADE / THE GENERAL COMPANY FOR GRAIN PROCESSING /  
REQUIRMENTS OF LABROTORIES OF PRIVAT AND PUPLIC FLOUR MILLS IN 15  
GOVERNORATES IN IRAQ**

<b>CODE</b>	<b>DESC.</b>	<b>QTY.</b>
01-04-00067	LAB.HOMGENISATION EQUIPMENT	25
01-04-00068	LAB. SAMPLE CLEANER SEPERATOR EQUIPMENT	25
01-04-00069	LAB. PURIFIRE EQUIPMENT	25
01-04-00070	LAB. BRAN FINISHER EQUIPMENT	25
01-04-00071	BUHLER LAB. MILL	2
01-04-00072	PERTEN GRINDING MILL FOR FALLING NUMBER EQUIPMENT(MOD. LM 3100)	6
01-04-00073	LAB. DISTILATION WATER EQUIPMENT	25
01-04-00074	LAB. NITROGIN PROTIEN EQUIPMENT (MOD.8620)	15
01-04-00075	LAB. STARCH DAMAGE EQUIPMENT	3
01-04-00076	HANDLING POB FOR CERALS AND GRANULAR PRODUCTS	100
01-04-00077	MODERN FARINOGRAPH (BRABENDER) EQUIPMENT	6
01-04-00078	MODERN AMYLOGRAPH(BRABENDER) EQUIPMENT	6
01-04-00079	MODERN EXTENSOGGRAPH (BRABENDER)EQUIPMENT	6
01-04-00080	LAB. BAKING OVEN	6
01-04-00081	LAB. KNEIDING MACHINE	6
01-04-00082	LAB. FIBER MEASURING EQUIPMENT	20
01-04-00083	LAB. LIPIDS MEASURING EQUIPMENT	3
01-04-00084	LAB. PROTEIN AND NITROGEN ANALYSER (KGEDAHL METHOD)	3
01-04-00085	LAB. POLARIMETER EQUIPMENT	15
01-04-00086	LAB. BUHLER PLAN SIFTER	50
01-04-00087	LAB. SIEVE (A COMPLETE RANGE FOR SEPERATOR AND GRANULOMETRIC CLASSIFICATION)	20
01-04-00088	DIFFERENT SPARE PARTS FOR LAB. EQUIPMENTS	
01-04-00089	LAB. SEED COUNTNG EQUIPMENT	25

01-04-00090	PERTEN INFRAMATIC DEVICE FOR THE MEASUREMENT OF PROTEIN,FAT,ASH,MOISTURE AND OTHER PARA METERS IN GRAIN AND FLOUR .	175
01-04-00091	MOTOMCO METER EXTRA OPERATING TO DETERMIND THE MOISTURE OF CERIALS	160
01-04-00092	BUHLER LAB. PLAN SIFTER	75
01-04-00093	DESSICATOR COVER FITTED WITH ATUBE AND R.I.N TAP DIAMETER 300 MM.	100
01-04-00094	CRISBEL QUARTZ OR PORCE LINE CUPS WITH NUMBERS BILT IN . DIAMETER ( 4.5 -5CM ) . HIGHLY 2.5 CM	1000
01-04-00095	BRABENDER RAPID MOISTURE TESTER MODEL MT -E	10
01-04-00096	BRABENDER MATUROGRAPH DEVICE	1
01-04-00097	BRABENDER OVEN RISE RECORDER DEVICE	1
01-04-00098	BRABENDER FERMENTO GRAPH DEVICE	1
01-04-00099	BRABENDER MICRO VISCO-AMYLOGRAPH DEVICE	1
01-04-00100	BRABENDER SEDIMAT SPECIAL LAB MILL.	1
01-04-00101	BREAD VOLUMTER DEVICE	6
01-04-00102	FLOUR COLOUR. GRADER DEVICE	20
01-04-00103	GLOTOMATIC MEASURING DEVICE	20
01-04-00104	ELECTRONIC SENSATIVE BALANCE MODEL PRECISA XB 4200C TWO DIGITES FROM (1500 - 3000 ) GM CAPACITY 220V WITH AUTOMATIC STABILTY	40
01-04-00105	ANALYTICAL BALANCE CABINAT ELECTRONIC SENSATIVE MODEL PRECISA X B 220 FROM ( 150 - 160) GM CAPACITY 220V FOUR DIGITES	10
01-04-00106	SPARE PARTS FOR LAB. INSTRUMENTS	

**MINISTRY OF TRADE / THE GENERAL COMPANY FOR GRAIN PROCESSING /  
SPARE PARTS FOR BAGHDAD AND KADIMYA BAKERIES**

CODE	DESC.	QTY.
01-04-00107	CONVEYOR BELTS WIDTH 1000 MM	500 M
01-04-00108	PLASTIC SHEETS FOR PROOFER WINDOWS	500 M2
	ENDLESS CONVEYORS BELT TYPE 8205	

01-04-00109	WEIGHT 1-750 KG-M THICKNESS 3-8MM 100 PCT. COTTON SIZE 3000 X 800MM	2
01-04-00110	HYDRULIC PUMP UNIT	2
01-04-00111	BRIDGE CONVEYOR DEVICE 1000 MM WIDTH COMPELET WITH SPARE PARTS	4
01-04-00112	BRIDGE CONVEYOR DEVICE 1200 MM. WIDTH COMPELET WITH SPARE PARTS	4
01-04-00113	DISCHARGE PLATE BETWEEN OVEN AND COOLING CONVEYOR 1000MM WIDTH	4
01-04-00114	DISCHARGE PLATE BETWEEN OVEN AND COOLING CONVEYOR 1200MM WIDTH	4
01-04-00115	TEFLON ROLL 1200 MM LENGTH	6
01-04-00116	SPREADING BELT CONVEYOR 78 X 2 X 3570 708/25 080379	60
01-04-00117	MOULDING SHELL B-72, C=85 22/879	5
01-04-00118	DIVIDING PISTON PITCH =100 D=60 78636	50
01-04-00119	STOP BOLT 078729	20
01-04-00120	TOOTHED BELT 345 L 0502/0 90128	10
01-04-00121	OBIQUE BALL BEARING 3212 78552	10
01-04-00122	TOOTHED BELT 2400-8M-30 610HTD 079425.	10
01-04-00123	TRANSPORTED ENDLESS HWE BAND U 2207 , 800 X 2 X 3520 162729	6
01-04-00124	DISCO GEAR MOTOR TYPE 11.710 .05.00 B3= 1.5 KW 104088	3
01-04-00125	STROETER-GEAR MOTOR TYPE AMO-12 B-3-0-12 KW 101581 .	3
01-04-00126	SEW GEAR MOTOR TYPE R 400 T 71D4B H.TF A=2.25 /1.V220 1380Y KW= 0.37 RPM =1400/35 1652454 1.01.2002	3
01-04-00127	SEW GEAR MOTOR TYPE VARIO BLOCK 193. 1213 RPM 7.5 KW 15480	3
01-04-00128	TOOTHED BELT 1610 -1411-406-/0/HTD 88025	10
01-04-00129	CARRIER TRAYS FOR FIRST PROOFER (6-POCKET).	300
01-04-00130	CARRIER TRAYS FOR FIRST PROOFER (4-POCKET).	300
01-04-00131	WATER MIXER ,DEVICES COMP.	4
01-04-00132	FEEDING HOPER DOUGH FOR ADMERAL DIVIDING MACHINES COMP.	4
01-04-00133	AUTOMATIC THERMOSTATE GAUGE TEMP 0-6000 C°.	10
01-04-00134	DIGITAL THERMOSTATE CONTROL 0- 1200 C°	20
01-04-00135	SCRAPER CYLINDER 026-001-17000,00-2 115002	2
01-04-00136	MOULDING DRUM 6 ROWS 0.26-080- 21000-01 WEIGHT FROM 90.120 GRS	2

01-04-00137	DRIVE ROLLER RWBHER COATED COMP.026, 000-23000 , 00	1
01-04-00138	CLUTCH 026.000.70000.00 704/26 087882.	2
01-04-00139	CLUTCH SIMPLAFLEX 026.000.70000.00 706/28 088158.	2
01-04-00140	DIGITAL SPEEMETER 026.000-70000.00 705123 068258	4
01-04-00141	COMMAND DISC 026-000-70000-00 706/704 015339..	3
01-04-00142	BELT BRUSH COMP 026-001.27000 -00.3 O12690	3
01-04-00143	WATER PUMP WITH MOTOR Q=30M3/HR H=60M	2
01-04-00144	SIMATIC 55-100U CPU 103	4

#### SPARE PARTS FOR BAGHDAD BAKERY

CODE	DESC.	QTY.
01-04-00145	FIRST PROOFER COMP.	2
01-04-00146	CARRIER TRAYS FOR FIRST PROOFER	600
01-04-00147	FIRST & SECOND MOULDING MACHINE COMPLETE	2
01-04-00148	SETTING & FEEDING MACHINE COMP.	3
01-04-00149	FINAL PROOFER COMP.WITH TRANSFER BRIDGE.	2
01-04-00150	SPROCKET FOR DRIVER SHAFT OF FINAL PROOFER	18
01-04-00151	CRADLES FOR FINAL PROOFER COMPLETE WITH CARRIES& NEEDL FELT	100

#### SPARE PARTS FOR BAKEIES

CODE	DESC.	QTY.
01-04-00151	Oil pump for burners	20
01-04-00152	Servo - motor for burners	20
01-04-00153	Dough conveyor	6
01-04-00154	Water treatment for boilers	2
01-04-00155	Admiral dividing M/C with feeder complete	2
01-04-00156	Mobile oven 1/4- 3/4 ton/h CAP.with accessories	10